ABSTRACT OF THE INVENTION

Cosmetic compositions and methods of decreasing sebum production by contacting sebocytes with a fatty acid synthase inhibitor, including cerulenin, triclosan, α-methylene-γ-butyrolactone, and EGCG, as well as mixtures thereof and analogs thereof. The invention further relates to a cosmetic method of identifying sebum production inhibiting actives comprising contacting the active with FAS and detecting a reduction in sebum amount production in sebocytes.